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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kegang HUANG , et al

Assignee: APPLIED MATERIALS, INC.

Title: METHOD AND APPARATUS FOR TREATING LOW K DIELECTRIC  
LAYERS TO REDUCE DIFFUSION

Serial No.: 09/902,518

Confirmation Number Assignment: 7428

Filed: 10JL2001

Group Art Unit: 2812

Attorney Docket No.: 004180/DD/BCVD

Examiner: Unknown

Santa Clara, California

Box: Missing Parts

ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

Attention: Manager

Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted mailed by the United States Patent and Trademark Office on August 24, 2001, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A combined declaration and power of attorney signed by one inventor (Kegang Huang) in compliance with 37 CFR 1.63 (4 pages);
2. A combined declaration and power of attorney signed by one inventor (Judy H. Huang) in compliance with 37 CFR 1.63 (4 pages);
3. A combined declaration and power of attorney signed by one inventor (Ping Xu) in compliance with 37 CFR 1.63 (4 pages);
4. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

- |                                                                                                |          |
|------------------------------------------------------------------------------------------------|----------|
| 1. Filing Fee - Original Patent Application (37 CFR 1.16(a))                                   | \$710.00 |
| 5. Fees for claims                                                                             |          |
| each independent claim in excess of 3 (37 CFR 1.16(f))                                         | \$---    |
| X each claim in excess of 20 (37 CFR 1.16(c))                                                  | \$198.00 |
| X Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e)) | \$130.00 |

Total Completion Fees

**\$1038.00**

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

Extension (Months)    Fee for other than Small Entity

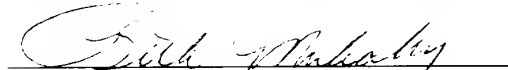
<input type="checkbox"/> One Month	\$ 110.00
<input type="checkbox"/> Two Months	\$ 390.00
<input type="checkbox"/> Three Months	\$ 890.00
<input type="checkbox"/> Four Months	\$1,390.00

If an additional extension of time is required please consider this a petition therefor.

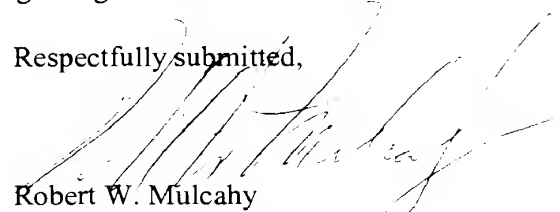
6. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of July 10, 2001. Please telephone the undersigned at (408) 563-2726 , if there are any questions regarding this matter.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner of Patents and Trademarks,  
Washington, D.C. 20231 on 9-12-01

  
Beth Mulcahy

Respectfully submitted,

  
Robert W. Mulcahy  
Registration No. 25,436



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/902,518	07/10/2001	Kegang Huang	AMAT/4180/PDD/KPU/JW

CONFIRMATION NO. 7428

## FORMALITIES LETTER



\*OC000000006467997\*

PATENT COUNSEL  
APPLIED MATERIALS, INC.  
Legal Affairs Department  
P.O.Box 450A  
Santa Clara, CA 95052

Date Mailed: 08/24/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

09/20/2001 MWOLDER1 00000040 501074 09902518

FILED UNDER 37 CFR 1.53(b)

01 FC:101 710.00 CH  
02 FC:103 198.00 CH  
03 FC:105 130.00 CH

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$198.  
    ■ \$198 for 11 total claims over 20.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1038.**

*A copy of this notice MUST be returned with the reply.*

HT  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE